

Title (en)
Improved rock bolt.

Title (de)
Gebirgsanker.

Title (fr)
Boulon d'ancrage pour roches.

Publication
EP 0265283 A1 19880427 (EN)

Application
EP 87309396 A 19871023

Priority
AU 864686 A 19861023

Abstract (en)
A rock bolt (10) for example for use in supporting a mine roof has a leading portion (12) provided with at least one groove (15) extending longitudinally and angularly of the bolt, said groove extending angularly about the bolt in the direction opposite to that in which the bolt is spun.

IPC 1-7
E21D 21/00

IPC 8 full level
E21D 20/02 (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)
E21D 20/02 (2013.01); **E21D 21/0026** (2013.01)

Citation (search report)

- [X] GB 2062794 A 19810528 - UPAT MAX LANGENSIEPEN KG
- [X] GB 2142998 A 19850130 - ROZANC RICHARD CLINTON
- [A] GB 2059535 A 19810423 - ROZANC R C
- [A] US 4386877 A 19830607 - MCDOWELL JR GUY
- [A] SOVIET INVENTIONS ILLUSTRATED, Section Mechanical, week 8441, abstract no. 255385 Q49, 21st November 1984, Derwent Publications Ltd., London, GB; & SU - A - 10 73471 (STEPANISHCHEV O N) 15-02-1984

Cited by
GB2323648A; WO9857035A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0265283 A1 19880427

DOCDB simple family (application)
EP 87309396 A 19871023